

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

## **NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Regency Plus, Inc. 1024 Locust Gap Highway Mount Carmel, PA 17851

SCOPE

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "5305 Tilt" White PVC Double Hung Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. RPLS0064, titled "Series 5305 Tilt Double Hung Impact Vinyl Window", sheets 1 through 8 of 8, dated 01/12/09, with revision H dated 09/24/15, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

## MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 13-1007.10 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

19/29/15

NOA No. 15-0618.02 Expiration Date: May 06, 2019 Approval Date: October 01, 2015 Page 1

## Regency Plus, Inc.

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 09-0122.05)
- 2. Drawing No. RPLS0064, titled "Series 5305 Tilt Double Hung Impact Vinyl Window", sheets 1 through 8 of 8, dated 01/12/09, with revision H dated 09/24/15, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.

## B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94

along with marked-up drawings and installation diagram of series 5305 tilt double hung vinyl window, prepared by National Certified Testing Laboratories, Test Report No. NCTL-110-11422-2, dated 10/02/08, with revision dated 01/08/09, and addendum letter dated 03/12/09, all signed and sealed by Harold E. Rupp, P.E. (Submitted under NOA No. 09-0122.05)

## C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 5<sup>th</sup> Edition (2014), dated 06/01/15 with revision dated 09/01/15, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
- 2. Glazing complies with ASTM E1300-04e01

## D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

## E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc. for their "Kuraray Butacite® PVB Glass Interlayer" dated 04/25/15, expiring on 12/11/16.
- 2. Notice of Acceptance No. 12-1120.02, issued to Royal Window and Door Profiles, Plant 13, for their White Rigid PVC Exterior Extrusions, approved on 02/28/13, expiring on 02/28/18.

Manuel Pérez, P.E.
Product Control Examiner

NOA No. 15-0618.02 Expiration Date: May 06, 2019

Approval Date: October 01, 2015

## Regency Plus, Inc.

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## F. STATEMENTS

- 1. Statement letter of conformance to, of complying with FBC 5<sup>th</sup> Edition (2014) and of no financial interest, dated 06/01/15, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
- 2. Laboratory compliance letter in the Test Report No. NCTL-110-11422-2, issued by National Certified Testing Laboratories, dated 10/02/08, with revision dated 01/08/09, signed and sealed by Harold E. Rupp, P.E. (Submitted under NOA No. 09-0122.05)

## G. OTHERS

1. Notice of Acceptance No. 13-1007.10, issued to Regency Plus, Inc. for their Series "5305 Tilt" White PVC Double Hung Window - L.M.I., approved on 05/06/13 and expiring on 05/06/19.

Manuel Pérez, P.E.

Manuel Pérez, P.E.

Product Control Examiner

NOA No. 15-0618.02

Expiration Date: May 06, 2019

Approval Date: October 01, 2015

# **REGENCY PLUS** SERIES 5305 TILT DOUBLE HUNG IMPACT VINYL WINDOW INSTALLATION ANCHORAGE DETAILS

#### **GENERAL NOTES:**

- 1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH 5TH EDITION (2014) FLORIDA BUILDING CODE (FBC) - BUILDING AND RESIDENTIAL VOLUMES INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURE STATED HEREIN.
- 2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED **UPON SIGNED AND SEALED TEST REPORT #** NCTL-110-11422-2 DATED 12/01/08, ADDENDUM DATED 11//05/08 AND ADDENDUM II DATED 03/10/09 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH HIGH VELOCITY HURRICANE ZONE TESTING PROTOCOLS TAS-201, TAS-202 **AND TAS-203.**
- 3. THE PRODUCT HAS BEEN EVALUATED FOR CONFORMANCE TO THE STANDARDS LISTED IN THE 5TH EDITION (2014) FLORIDA BUILDING CODE (FBC) - BUILDING AND RESIDENTIAL VOLUMES AND IS IN COMPLIANCE WITH SAID STANDARDS INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS.
- 4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AGENCY HAVING JURISDICTION (AHJ).
- 5. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AHJ.
- 6. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THEN THE BUILDING MAY ELECT ONE

A. OUTSIDE HVHZ: REQUIRE THAT A LICENSED ENGINEER OR ARCHITECT PREPARE AND SUBMIT SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

B. INSIDE HVHZ REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND OBTAINED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL.

#### 7. MATERIALS:

7.1 WINDOW FRAME MATERIAL: ROYAL WINDOW & DOOR PROFILES, PLANT 13 RIGID VINYL PVC PER MIAMI-DADE NOTICE OF ACCEPTANCE (NOA) NO. 12-1120.02.

7.2 GLAZING INTERLAYER KURARAY AMERICA, INC. BUTACITE INTERLAYER PER MIAMI-DADE NOTICE OF ACCEPTANCE (NOA) NO. 14-0916.10.

- 8. NOT USED.
- 9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1. SEE SHEET 6 FOR GLAZING DETAIL.
- 10. DESIGNATION "X" STANDS FOR THE FOLLOWING: X: OPERABLE PANEL
- 11. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN WHERE WOOD-ONLY FAILURE GOVERNS. FOR OTHER MATERIALS, APPROPRIATE SAFETY FACTORS PER THE APPLICABLE DESIGN STANDARD ARE USED.
- 12.IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.

## **INSTALLATION NOTES:**

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD /F SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCHES.
- 5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / USE 1/4 INCH ITW ADVANCED THREADFORM TAPCONS OF MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, SUFFICIENT LENGTH TO ACHIEVE THE FOLLOWING:
- 5.1. CONCRETE SUBSTRATE
- 5.1.1. 1 1/2 INCH MINIMUM EMBEDMENT
  - 1-1/2 INCH MINIMUM EDGE DISTANCE
- 5.2. MASONRY SUBSTRATE
- 5.2.1. 1 INCH MINIMUM EMBEDMENT
- 2 INCH MINIMUM EDGE DISTANCE
- 6. FOR PARTING STOP INSTALLATION USE #8 WOOD SCREWS.
- 7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.

- MU HAN
- 9. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- 11. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE
- WOOD PRESSURE TREATED (PT) SOUTHERN YELLOW PINE. MINIMUM SPECIFIC GRAVITY OF 0.55 LUMBER MUST COMPLY WITH 5TH EDITION FBC/FRC
- CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF
- MASONRY STRENGTH CONFORMS TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY >117 PCF. .

STALLATION ANCHORS AND ASSOCIATED HARDWARE IST BE MADE OF CORROSION RESISTANT MATERIAL OR IVE A CORROSION RESISTANT COATING.	

	MONTH TO THE DIVERS OF THE CO.
10	), INSTALLATION ANCHORS SHALL BE INSTALLED IN
	ACCORDANCE WITH ANCHOR MANUFACTURER'S
	INSTALLATION INSTRUCTIONS AND ANCHORS SHALL
•	NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS
_	THE MINISTER MANAGEMENT CONCURS BY THE

**FOLLOWING PROPERTIES:** 

AS RELATED TO WOOD PROTECTION.

2500 psi AND COMPLIES WITH ACI 301.

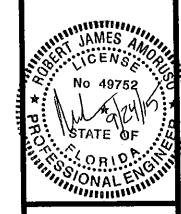
Robert J. Amoruso, P.E. Florida P.E. No. 49752

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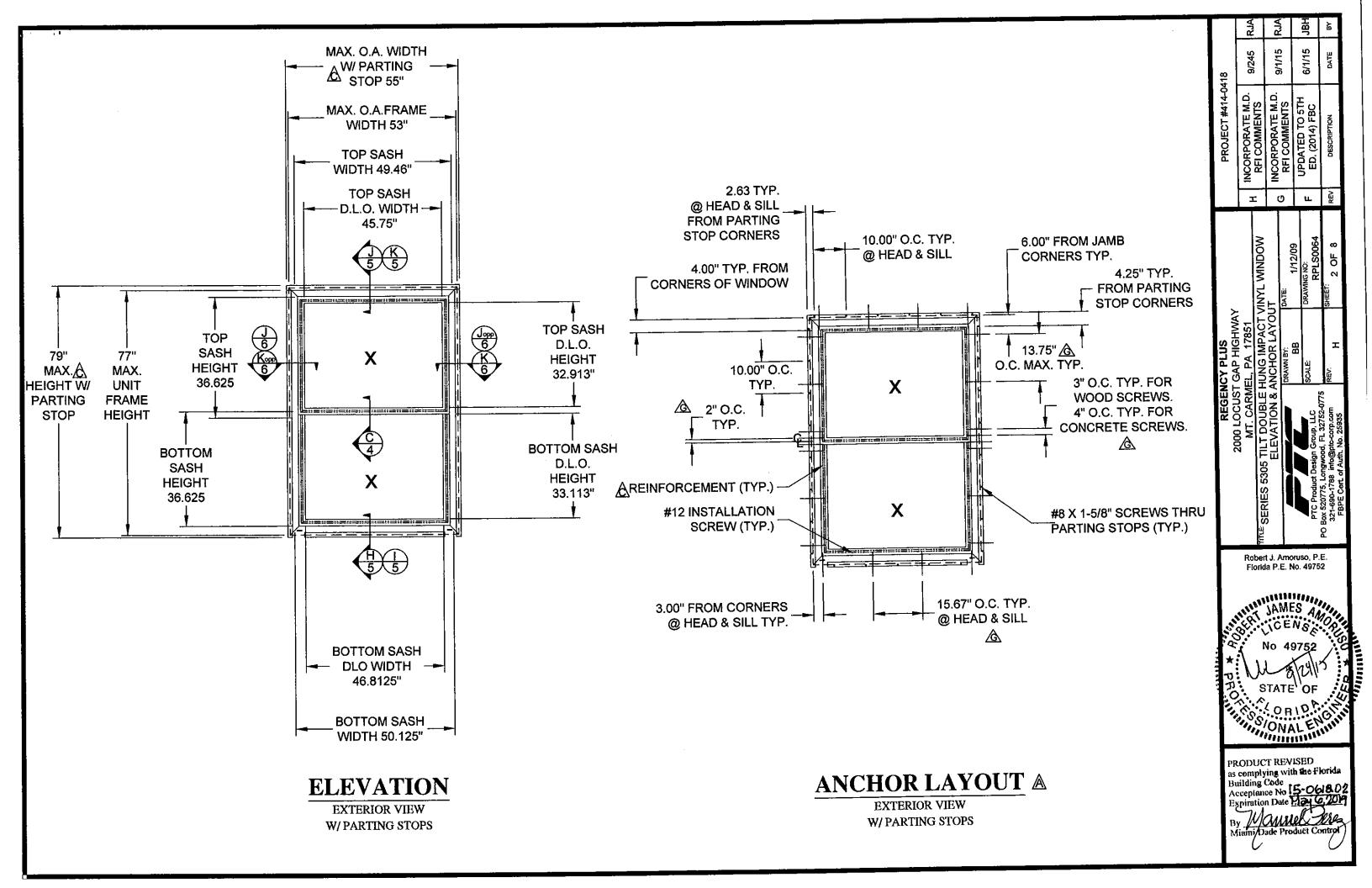
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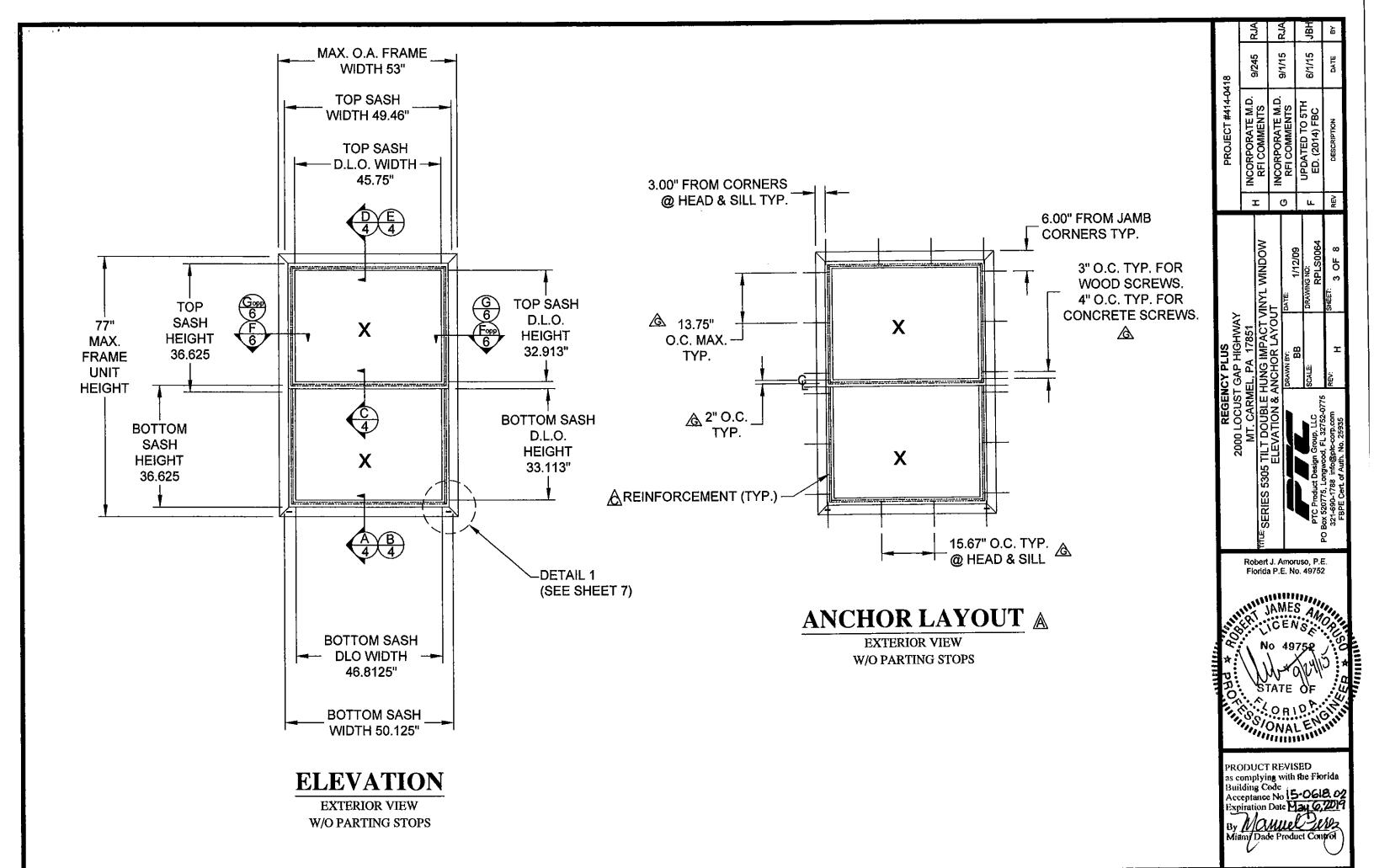


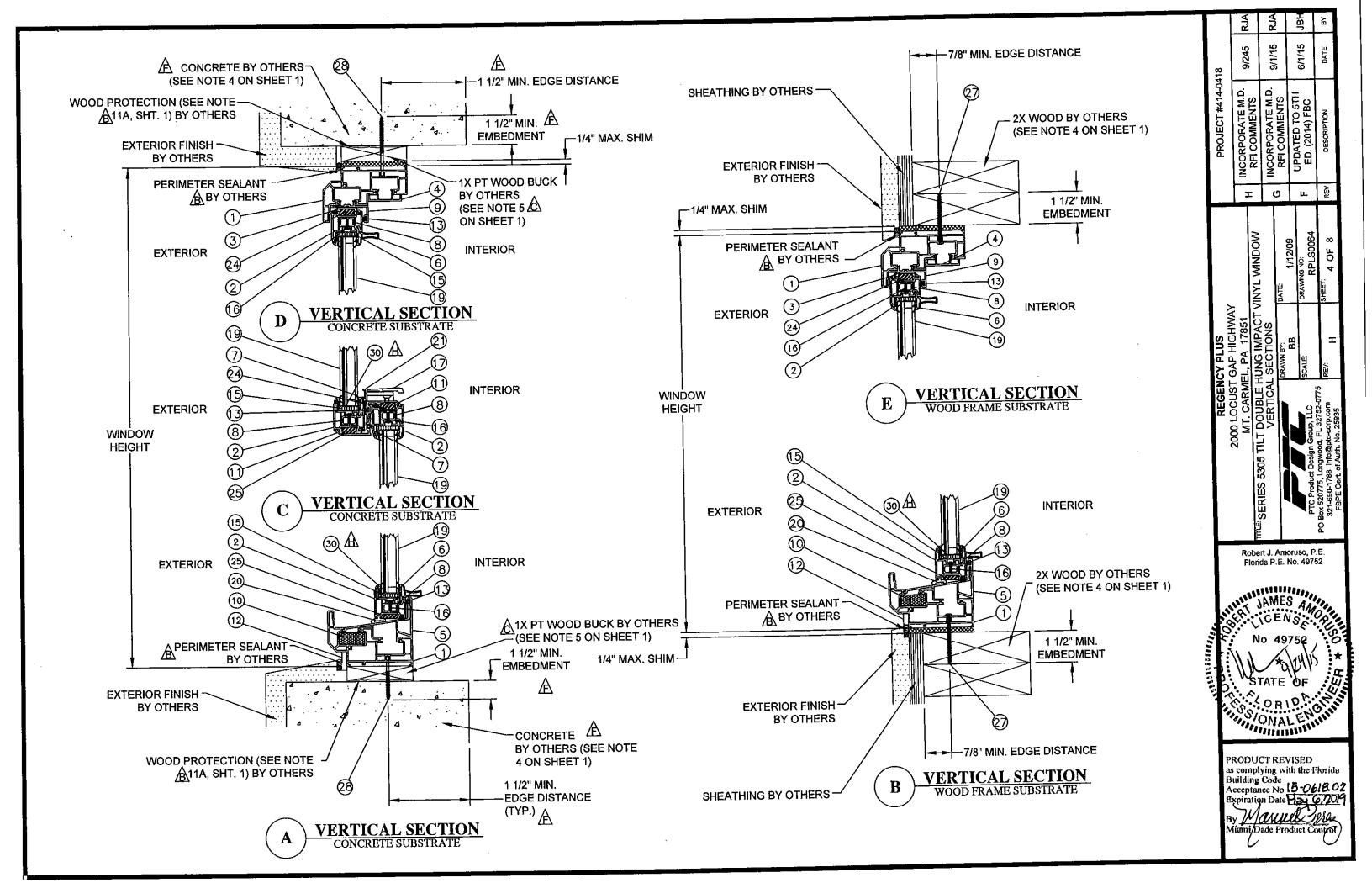
PRODUCT REVISED as complying with the Florida Building Code Acceptance No 15-0618.02 Expiration Date 1246, 2019
By Manuel 1812

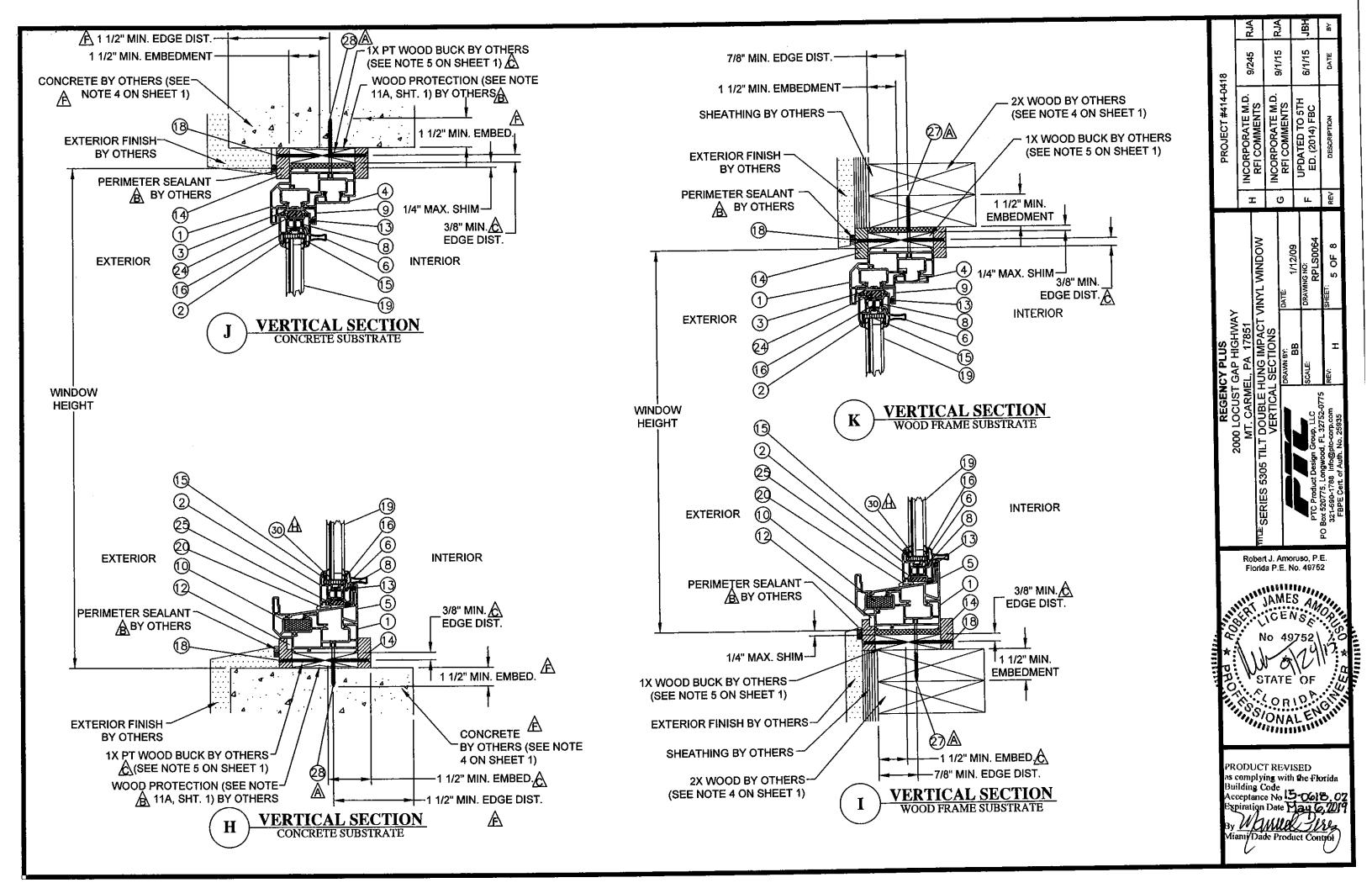
**DESIGN PRESSURE RATING (PSF) IMPACT RATING** LARGE MISSILE ±55.0 IMPACT

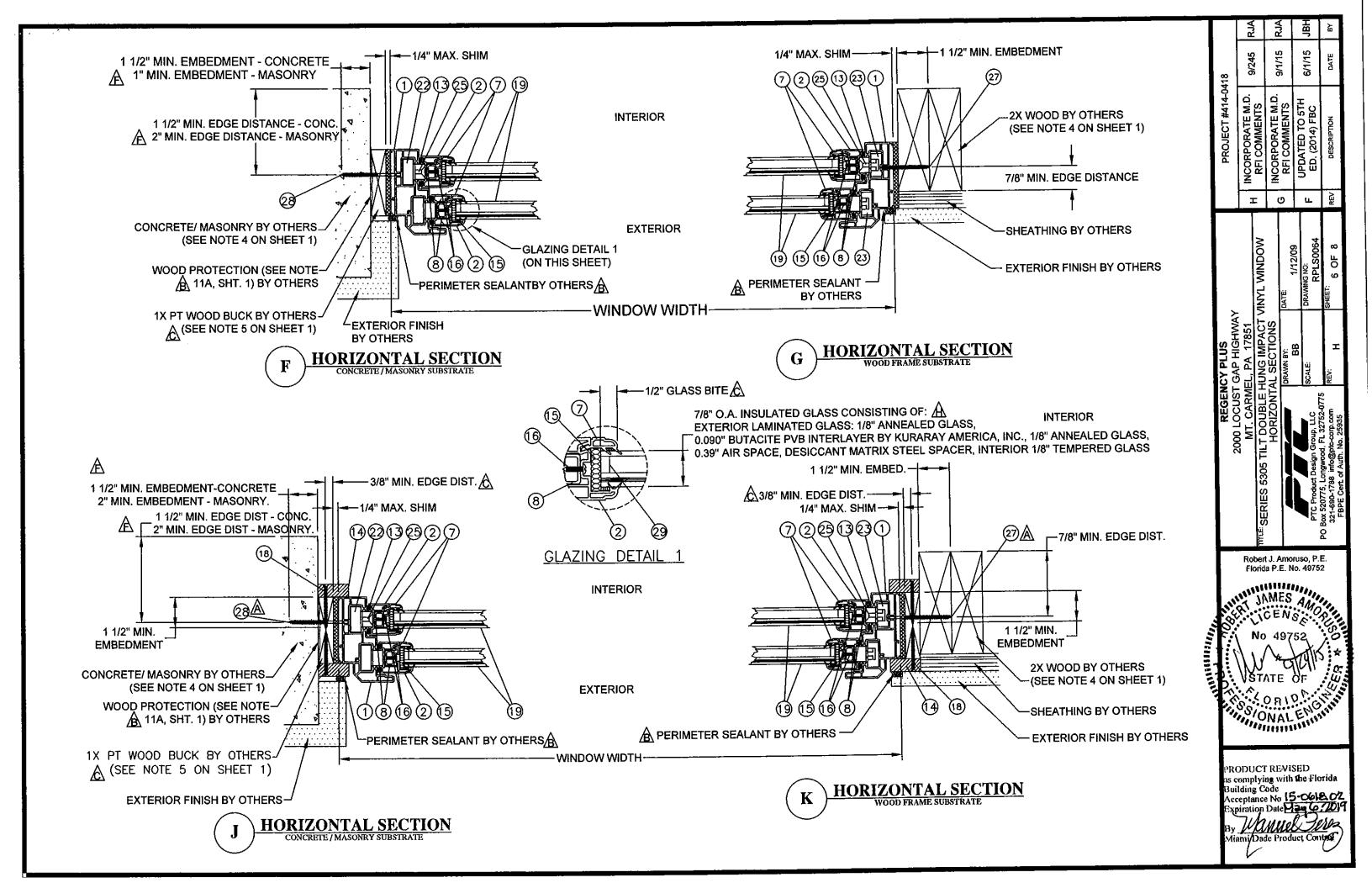
	)F THE	FOLLOWING OPTIONS:
		TABLE OF CONTENTS
SHEET	REV.	SHEET DESCRIPTION
1	D	GENERAL NOTES, INSTALLATION NOTES & D.P. CHART
2	D	ELEVATION & ANCHOR LAYOUT
3	D	ELEVATION & ANCHOR LAYOUT
4	Q	VERTICAL SECTIONS
5	D	VERTICAL SECTIONS
6	D	HORIZONTAL SECTIONS & GLAZING DETAIL
7	D	BILL OF MATERIALS AND COMPONENTS
8	D	COMPONENTS & CORNER DETAIL



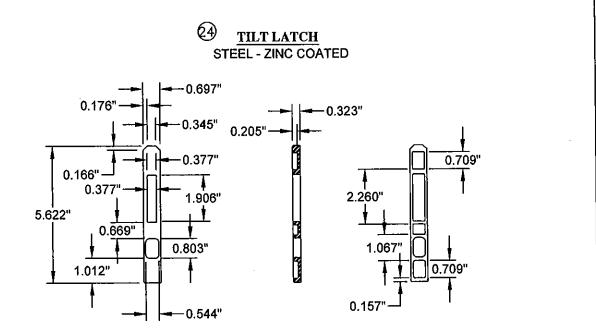




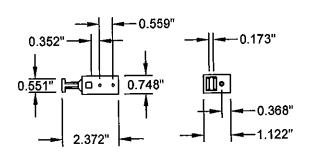


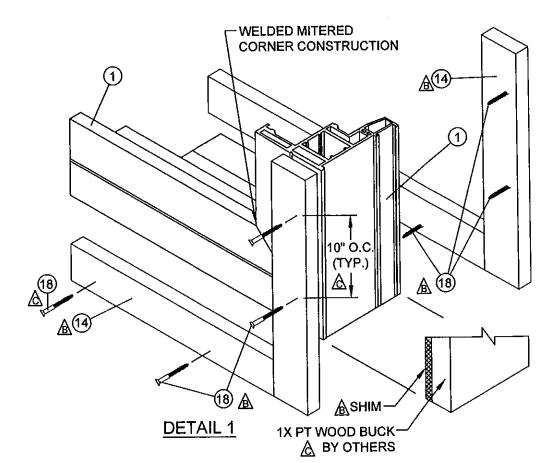


**BILL OF MATERIALS** MANUFACTURER ITEM# **DESCRIPTION MATERIAL** ⚠ \*\* RWDP: ROYAL WINDOWS AND DOOR \*\*RWDP WHITE RIGID PVC MAIN FRAME PROFILES, PLANT NO. 13 MD NOA NO. WHITE RIGID PVC \*\*RWDP SASH PANEL FRAME RPORATE M.C 12-1120.02. \*\*RWDP SASH COVER WHITE RIGID PVC \*\*RWDP PANEL STOP / FRAME COVER WHITE RIGID PVC SLOPED SILL COVER WHITE RIGID PVC \*\*RWDP 5 \*\*RWDP WHITE RIGID PVC **GLAZING STOP WITH HANDLE** WHITE RIGID PVC \*\*RWDP GLAZING STOP (OPERABLE SASH) STEEL **ROLL TECH INDUSTRIES** 8 REINFORCEMENT **POCKET COVER #1** WHITE RIGID PVC \*\*RWDP 🛕 9 I O ட VINYL **BUG STRIP** 10 \*\*RWDP A INTERLOCK COVER WHITE RIGID PVC 11 CUSTOM CRAFT 12 WEEP COVER NYLON 0.210"/ 0.187" x 0.300" CENTER FIN WEATHERSTRIP ULTRAFAB 13 WINDO 3/4" X 1 1/2" PARTING STOP (SEE NOTE 11A, SHT. 1) G= 0.55 MIN. PT PINE WOOD A 14 SIKAFLEX 552 SILICONE SIKA CORP. SILICONE 15 16 #8 X 1/2" TEK SCREW STEEL CAM TYPE SWEEP LOCK STEEL TRUTH HARDWARE 17 #8 WOOD SCREW (INSTALLATION ANCHOR) STEEL 18 7/8" O.A. INSULATED GLASS CONSISTING OF: 1/8" ANNEALED GLASS, 0.090" **GLASS** BUTACITE INTERLAYER BY KURARAY AMERICA, INC., 1/8" ANNEALED GLASS SASH LOCK LOCKING TILT SHOE 88 0.39" AIR SPACE, 1/8" TEMPERED GLASS NYLON STEEL TYP. WALL TICKNESS NA TYP. WALL TICKNESS NA UNIVERSAL POLYMERE & RUBBER **BULB VINYL WEATHERSTRIP** VINYL 20 TRUTH HARDWARE STEEL 21 **FACE MOUNTED KEEPER** 1.240"—<del>—</del> **BSI HARDWARE** 22 SPRING BALANCE 2.836" NYLON **BSI BALANCE SYSTEMS** 23 LOCKING TILT SHOE 0.687" STEEL - ZINC CTD. VISION INDUSTRIES 24 HURRICANE TILT LATCH (1057 EW) METAL VISION INDUSTRIES 25 PIVOT BAR SILICONE SIKA CORP. 26 SIKAFLEX 552 BACKBEDDING #12 WOOD SCREW (INSTALLATION ANCHOR) STEEL 27 1/4" ITW ADVANCED THREADFORM TAPCON ITW STEEL 28 0.735 <u>/</u> 29 **ENDUR 9.8 SS SPACER** STAINLESS STL. CARDINAL GLAZING PAD (SETTING BLOCK 2NB-8K-125-028-026) FRANK LOWE 30 **NEOPRENE** PANEL STOP /FRAME FACE MOUNTED KEEPER MAIN FRAME (3) SASH COVER SASH PANEL FRAME COVER STEEL WHITE RIGID PVC WHITE RIGID PVC WHITE RIGID PVC Robert J. Amoruso, P.E. TYP, WALL TICKNESS 0.070" WHITE RIGID PVC TYP. WALL TICKNESS 0.070" TYP. WALL THICKNESS 0.070" TYP. WALL THICKNES 0.065" Florida P.E. No. 49752 TYP, WALL **- 4**.170"-<del>--|--</del>0.150" -0.298' THICKNESS 0.070" JAMES AND 7 .326" 1.656" 2.730" 1.000' 0.565 <del>---|--</del>-0.070' 0.467" 1.350"---1.530<del>----</del>3.250" <del>-</del> 1.635" (5) SLOPED SILL COVER GLAZING STOP/LIFT HANDLE POCKET COVER GLAZING STOP (OPERABLE SASH) SPRING BALANCE WHITE RIGID PVC WHITE RIGID PVC WHITE RIGID PVC WHITE RIGID PVC THE ORIDACIN TYP. WALL THICKNESS 0.075" TYP. WALL THICKNESS 0.055" TYP. WALL TICKNESS 0.055" TYP. WALL THICKNESS 0.070" -3.450"<del>--</del>| -0.665"<sup>+0.000</sup> 0.953" 0.891 2.155" -1.220 DIA. MAX. 0.329' RODUCT REVISED +0.000 1.885" -0.100 s complying with the Florida INTERLOCK COVER REINFORCEMENT PARTING STOP (4) uilding Code Building Code
Acceptance No 15-0618.02
Expiration Date May 6.7017
By Manuel Sus 1,077 WHITE RIGID PVC 0.85" STEEL WOOD -0.438" TYP, WALL THICKNESS 0.062" TYP. WALL THICKNESS 0.075" 0.170" 1.500" 0.914" 0.525" ---



# ② PIVOT BAR METALTYP. WALL THICKNESS NA





NOTE: PARTING STOP EXTERIOR PERIMETER TO BE SEALED TO 1X PT WOOD BUCK WITH SIKA 551 SILICONE A

	KEGEN	REGENCY PLUS			PROJECT #414-0418	811	
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ber	THE SERIES 5305 TH T DOUBLE HUNG IMPACT VINYL WINDOW	HUNG IMPACT V	JINYL WINDOW	<u> </u>	RFI COMMENTS	2	
l J. /	COMPONENTS & CORNER DETAIL	CORNER DET	AIL	7	INCORPORATE M.D.	31110	. ₫
Amo E. N		DRAWN BY:	ٽ <u>ن</u>	<u>o</u>	RFI COMMENTS	C1 /1 /6	2
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so, P. 4975	PTC Product Design Group, LLC	SCALE	DRAWING NO: RPLS0064	ıL	ED. (2014) FBC	6/1/15	JBH
E.	PO Box 520775, Longwood, FL 32752-0775 321-690-1788 info@ptc-corp.com	REV:	SHEET: 8 OF 8	REV	DESCRIPTION	DATE	Æ
	FEFF COT, OF AUDI. NO. 40000						

MAN ONAL ENGINE

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0618.0Z
Expiration Date May 6, 2019
By Maywel Jos
Miann Dade Product Contro